

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Norwalk Substation

Date: June 1, 2006

Inspector: Don Ukers

Location: Norwalk Substation Expansion

Storm/

Rain Event: Between 0.45-0.57" of rain was recorded on 6/1 as reported by NOAA and depending on location.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	- The catch basin near the Route 7 ramp receives a lot of off-site stormwater-sedimentation of roadway sand is occurring here. 12/22-6/1/06.	-The area should no longer be affected by any onsite sediment. The silt fence could be removed. 12/1-6/1/06.	-N/A.
Foundation construction	-The only remaining work involves electrical testing. 6/1/06. - Landscaping crews were smoothing topsoil and grading out rocks adjacent to the GIS building. 6/1/06	- None at this time. Little to no soil disturbing work is occurring. 5/17-6/1/06. - The area is well contained and landscaped efforts are beginning. 6/1/06	-N/A. - N/A
Erosion and Sediment Controls	- Erosion on the slope near the 345kV turning structure appeared to have been repaired with stone. 5/25-6/1/06 -Some erosion was noted at the base of the turning structure. 5/25-6/1/05	- Continue to monitor and attempt to make the area more natural/ vegetated if feasible. 5/25-6/1/06. - This may want to be checked for future stability. 5/25-6/1/06	-N/A - The area may be checked
Inland Wetland and Watercourse encroachment and mitigation	- The overflow channel had moderate flow conditions. 6/1/06. - Vegetation continues to grow well along the	-None at this time. 6/1/06 - None at this time. 6/1/06.	-N/A -N/A.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	original overflow channel. A few bare spots remain 6/1/06.		
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A	-N/A.
Vegetative clearing limits (including trees to save or danger trees noted)	-Due to necessary clearing for overhead lines and the natural damage of the flood, the riverbanks to the north of site could use some vegetative growth. 5/17-6/1/06 - A hydroseeding truck was on site in preparation for landscaping. 6/1/06	- None at this time. Continue to monitor and consider adding seed if feasible. 5/17-6/1/06 - None at this time 6/1/06	-N/A N/A
Dewatering	-Dewatering was not observed during this inspection. 6/1/06.	-None at this time. 6/1/06.	-N/A.
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.	-N/A
Spills and Material Storage	- Most heavy equipment is removed from the site. 6/1/06. -Some materials/ structures are being stored here for other components of the project. 6/1/06	In general: - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - Report spills to the office immediately, even if they are being controlled.	-N/A -N/A
Additional Observations			

Plumtree Substation

Date: June 1, 2006

Inspector: Don Ukers

Location: Plumtree Substation Expansion, Bethel

Storm/

Rain Event: Between 0.45-0.57" of rain was recorded on 6/1 as reported by NOAA and depending on location..

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads	- Work has returned to the substation so the drive is again in use for this equipment. 3/15-6/1/06.	- None at this time. 6/1/06.	-N/A.
Foundation construction	-Work continues within the substation yard on a steel structure. The rebar and forms remained in place on the concrete slab. 6/1/06.	- Remain aware of the perimeter of the yard and the workspace and the fact the area is surrounded by wetlands. See erosion control section. 3/15-6/1/06.	-N/A at this time.
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	-Stockpiles remain on site, contained by the perimeter berm. 5/10-6/1/06. - One larger pile remains in place at the rear of the site near the fence. Sediment problems have not been noted at this time. 5/4-6/1/06 -Active dewatering was not noted at the time. No sedimentation was noted out of the yard. 5/10-6/1/06.	-Continue to monitor that the controls are effective. Extend haybales if necessary. 3/31/06-6/1/06. -The pile is pulled back slightly from the fence and haybales are in place. It remains contained at this time.6/1/06. -Continue to watch the perimeter if dewatering and improve the berm if necessary. 4/26-6/1/06	- N/A at this time. -The pile remains contained and sediment was pulled back slightly -N/A at this time
Inland Wetland and Watercourse encroachment and mitigation	- Wetlands are located around the outskirts of the substation yard.	-Continue to monitor them. Ensure that sediment does not leave the yard. 6/1/06.	N/A.

Areas of Inspection	Observation	Recommended Action	Corrected Action
State species of concern, threatened and endangered species	- The wood turtle was seen along the outside perimeter of the station last week. 6/1/06	- Move machinery carefully and perform daily walkdowns of the site. Watch carefully for the turtle as this is the most active time of year. 5/25-6/1/06.	-Daily walkdowns should be occurring at this point with crews remaining aware of machinery and open trenches throughout the day.
Vegetative clearing limits (including trees to save or danger trees noted)	- No vegetation outside of the substation yard will need to be cleared during the expansion work.	- N/A	-N/A
Dewatering	- Active dewatering was not observed at the inspection. 5/10-6/1/06.	-Conditions were drying out on site with the berm keeping things contained. Continue to monitor and restore controls if necessary. 6/1/06.	-N/A
Blasting	- No blasting is occurring on site at this time.	- None at this time.	-N/A
Spills and Material Storage	- No spills or leaks were noted. Now that machinery has returned, continue to monitor. 6/1/06	- The contractors should remain vigilant about securing and handling fuel containers. - Keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis. - Report spills to the office immediately, even if they are being controlled.	-N/A
Additional Observations			

Next likely scheduled inspection:

Wednesday, June 7, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden, Don Ukers



Norwalk Substation: Photo on the left shows where topsoil is spread and landscaping is occurring. Photo on the right shows the current status of the overflow channel. Vegetation is growing well with few bare spots remaining. 6/1/06.



Plumtree Substation: Photo on the left shows the newly installed slab at the rear of the site. Photo on the right shows work on an adjacent steel structure. 6/1/06.